

EINLADUNG

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Titel: Adaptive Mobile Multimedia Streaming

Abstract:

With the introduction of 3G mobile communication systems mobile multimedia services like mobile multimedia streaming are gaining more and more attention. However, the development of a successful operating mobile streaming service is still a challenge. The characteristics of the wireless transmission link are dynamically changing and mobile devices are limited in their capabilities e.g. having a smaller display and less processing power. In order to cope with these challenges, a standard for mobile multimedia streaming called PSS (Packet-Switched Streaming Service) has been defined within the 3GPP standardization body. Thereby, PSS supports techniques for adaptive streaming. Using adaptive streaming, the behaviour of the mobile streaming system is adjusted to the dynamically changing characteristics of the wireless transmission link. In this presentation, an overview about the PSS streaming standard is given first. Then, adaptive streaming support within PSS is presented. Several newly developed adaptive streaming techniques are discussed and their performance is shown.

Es laden ein: Die Dozenten der Informatik

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